

DETAIL SPECIFICATION SHEET

CONNECTOR, MALE RECEPTACLE ELECTRICAL, RECTANGULAR,
POLARIZED SHELL, MINIATURE TYPE, PIN CONTACTS
(STYLE 008A)

This specification is approved for use by all Departments and agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-21617.

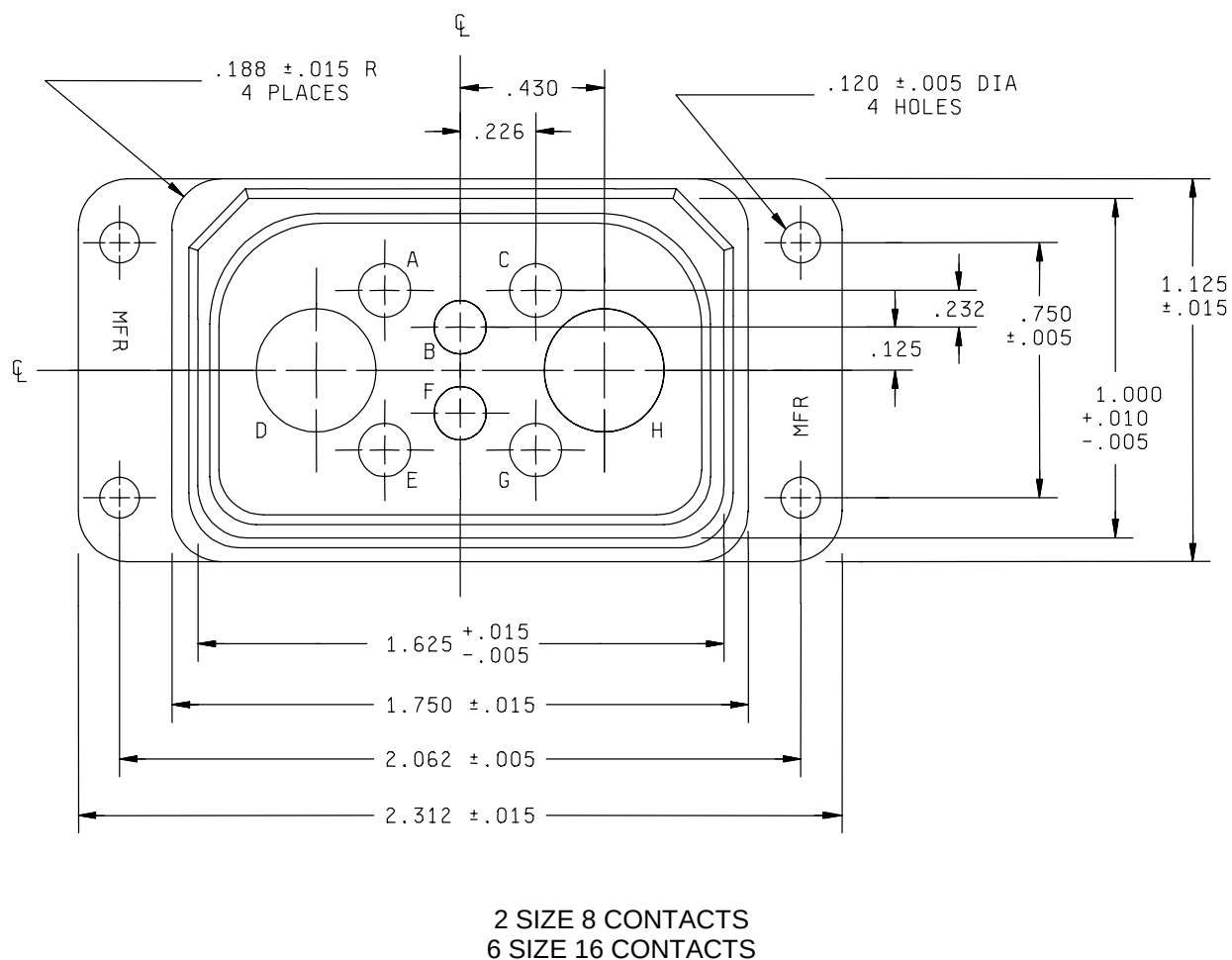


FIGURE 1. Type J, class M inserts containing pin contacts.

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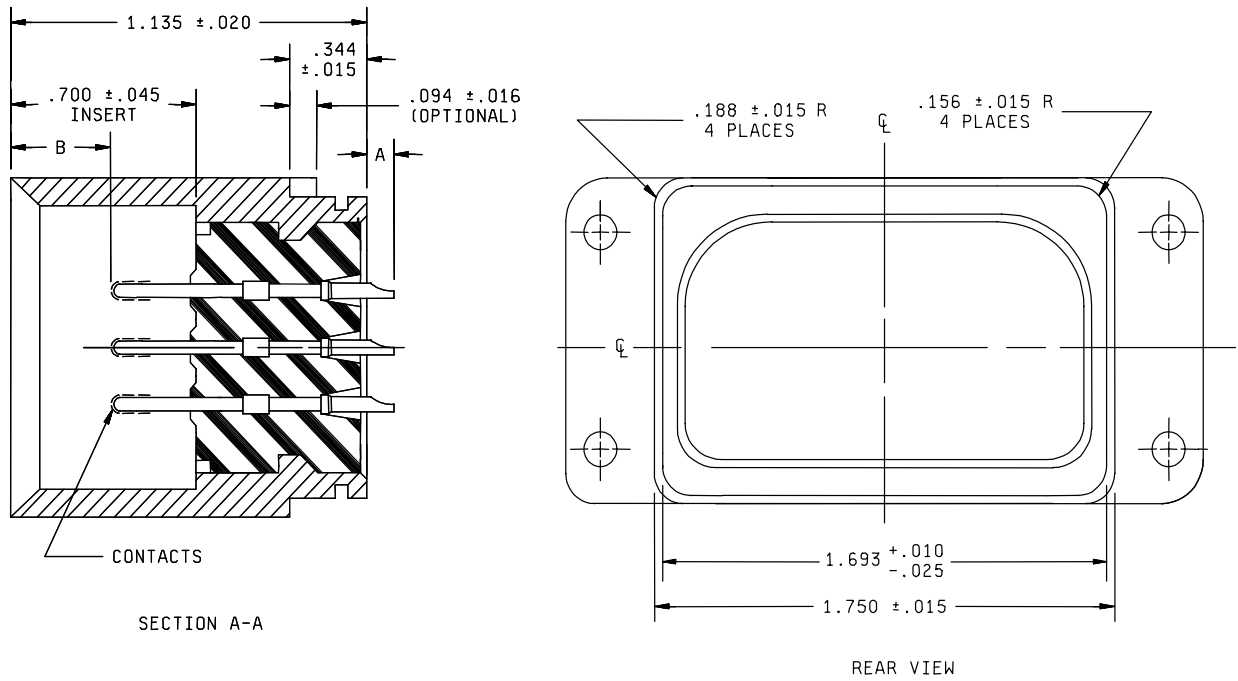
Inches	mm	Inches	mm
.005	0.13	.430	10.92
.010	0.25	.750	19.05
.015	0.38	1.000	25.40
.120	3.05	1.125	28.58
.125	3.18	1.625	41.28
.188	4.78	1.750	44.45
.226	5.74	2.062	52.37
.232	5.89	2.312	58.72

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is ± 0.005 (0.13 mm).

FIGURE 1. Type J, class M inserts containing pin contacts - Continued.

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Dimension	Contact size	
	8 (mm)	16 (mm)
A (mm)	.312 ± .045 (7.92 ± 1.14)	.156 ± .045 (3.96 ± 1.14)
B (mm)	.057 ± .025 (1.45 ± 0.63)	

Inch	mm	Inch	mm
.010	0.25	.156	3.96
.015	0.38	.188	4.78
.016	0.41	.344	8.74
.020	0.51	.700	17.78
.025	0.64	1.135	28.83
.045	1.14	1.693	43.00
.094	2.39	1.750	44.45

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is $\pm .005$ (0.13 mm).

FIGURE 2. Type J, class M large flange male receptacle.

REQUIREMENTS:

Dimensions and configurations: See figures 1 and 2.

Reference material: See MIL-DTL-21617.

Service rating: Contacts D and H service rating D, all others service rating A, see MIL-DTL-21617.

Test gage details: For size 16 contacts see MIL-DTL-21617 appendix.

Mating connector: See MIL-DTL-21617/4.

Contacts: Contacts shall be in accordance with MIL-DTL-21617.

Part or Identifying Number (PIN): PIN example as follows:

Specification	Type	Class	Style
M21617/5	J	M	008A

Type: J - Receptacle.
Class: M - Male, inserts containing pin contacts.
Style: 008A - Contacts, 2 size 8, 6 size 16.

Supersession data: Old PIN JM008A.

CONCLUDING MATERIAL

Preparing activity:
DLA - CC

(Project 5935-4335-005)

Custodians:
Army - CR
Navy - EC
DLA - CC

Review activities:
Army - AV, MI